



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/050,253	01/16/2002	Gereon Vogtmeier	DE 010019	9225

24737 7590 10/26/2005

PHILIPS INTELLECTUAL PROPERTY & STANDARDS  
P.O. BOX 3001  
BRIARCLIFF MANOR, NY 10510

EXAMINER

BHATTACHARJEE, GOPA

ART UNIT PAPER NUMBER

2663

DATE MAILED: 10/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/050,253

Applicant(s)

VOGTMEIER ET AL.

Examiner

Gopa Bhattacharjee

Art Unit

2681

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 January 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 January 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 21412000 7-30-03
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-4 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1-4 lack positive recitation. The body of the claim should recite positive steps to support the method claim.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-2, 4-10 are rejected under 35 U.S.C. 102 as being anticipated by Parantainen et al U.S. Patent 6,771,659. Regarding the use of the statement "computed topography " weight will not be given because it is an intent of use .

Re claim 1, 9 and 10 Figures 10A & B teaches a means for transmitting info packets 1000 (the transmitter) wherein important packets (data packets) are

Art Unit: 2681

stored/copied in means for storing selected packet 1022 (a buffer) (See col. 8. lines 1-10); further includes a means for determining whether...was rec'd correctly 1012 (the receiver informs the transmitter) by ACK/NACK messages; whereby the means for retransmitting 1026 (the transmitter again send) incorrect data packets back the receiver wherein once an ACK message is received, the copied data packet is erased from 1022.

Re Claim 2 refer to Claim 1, upon reception of ACK signal (immediately after receiving an ACK signal) from 1012, the 1026 immediately retransmit data packet from 1022.

Re Claim 4, refer to claim 1, fig 10A teaches 1012 (the buffer/memory) filling level is dependent on ACK signals received by 1018.

Re Claim 5, refer to Claim 1, fig. 10A teaches a input 1004 for transmitting a packet wherein 1012 (a control unit) that controls the transfer of stored packets in 1022 to the retransmitting unit 1026 whereby upon positive ACK signal the stored data packet is erased.

Regarding Claim 6, fig.10A discloses a transmitter (1000), which consists of the buffer to hold the input data.

Regarding Claim 7, fig. 10A discloses a means for storing selected packet (1022) in the transmit unit.

Regarding claim 8, computed tomography apparatus will not be given any weight because it is an intent of use.

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Parantainen et al U.S. Patent 6,771,659.

Re Claim 3, Parenatinan fails to disclose explicitly, "if the buffer is full, the transmitter stops the continuous transmission of data packets until the arrival of acknowledge signals concerning successfully transmitted data packets."

However, Parenatinan teaches that packets are stored in memory and deleted once an positive ACK is received. The packets are stored because of retransmission of corrupted data packets. One skilled in the art recognized that that when the memory is full, no copies of the new data packet can be made. Therefore, it would have been obvious to one of ordinary skills in the art at the time of invention to include into Parenatinan invention the the data storing in 1012 need to be stopped when it is full. One is motivated as such in order to have a reliable data packet transmission.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gopa Bhattacharjee whose telephone number is (571) 272-0778. The examiner can normally be reached on Monday through Friday from 9:00 AM to 4:30 PM ETS.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on (571) 272-3139. The fax

Art Unit: 2681

phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Gopa Bhattacharjee

ANDY LEE  
PATENT EXAMINER

